## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

JONES et al Atty. Ref.: 604-700

Serial No. Unassigned Group: Unassigned

Filed: November 21, 2003 Examiner: Unassigned

For: COMPACTED OLEFIN FIBERS

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November 21, 2003

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

## INFORMATION DISCLOSURE STATEMENT

Attached is a completed Form PTO-1449 listing references in connection with this application. Copies of these references are in the file-wrapper of parent application Serial No. 09/971,710 and are therefore not being submitted with this IDS.

The Examiner is requested to initial the attached PTO-1449, and to return a copy of the initialed document to the undersigned as an indication that the listed references have been considered and made of record.

Respectfully submitted,

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INFORMATION DISCLOSURE CITATION		ATTY. DO	OCKET NO.	SERIAL NO.			
		604-700		Unassigned			
		APPLICANT					
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		FILING DATE		GROUP			
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		U.S	S. PATENT DOCUMENTS				
KAMINER	DOOLINGNE NI IMBED	DATE	ALANG.	01.400	CL/DOLAGO	FILING	
NITIAL	DOCUMENT NUMBER 3,997,386	DATE 12/1976	NAME Oshida et al	CLASS	SUBCLASS	TE APPR	UPRIA
	4,082,731	4/1978	Knopka			+	
	4,110,391	8/1978	Berzen et al			<del> </del>	
	4,228,118	10/1980	Wu et al			<del> </del>	<del></del>
1	4,285,748	8/1981	Booker et al				
	4,403,012	9/1983	Harpell			<del> </del>	
<del></del>	4,413,110	9/1983	Kavesh et al		<del>                                     </del>		
<del></del>	4,455,527	6/1984	Harpell et al				
	4,483,727	11/1984	Eickman et al				
	4,551,296	11/1985	Kavesh et al				
	4,568,581	2/1986	Peoples, Jr.				
	4,948,661	8/1990	Smith et al				
	4,990,204	2/1991	Krupp et al				
	5,006,390	4/1991	Kavesh et al				
	5,135,604	8/1992	Harpell et al				
	4,786,348	11/1988	Luise				
	4,048,364	9/1977	Harding et al				
	5,244,482	9/1993	Hassenboehler, Jr., et al				
	4,332,767	6/1982	Kitanaka et al				
	6,017,834	1/2000	Ward et al				
	4,923,660	5/1990	Willenberg et al				
	4,455,273	6/1984	Harpell et al		ĺ		
	5,628,946	05/1997	Ward et al	264	120		
	4,600,631	07/1986	Alei et al	428	297.4		
	6,458,727	10/2002	Jones et al	428	297.4		
		FORE	IGN PATENT DOCUMENTS				
						TRANS	
	DOCUMENT	DATE	COUNTRY	CLASS	SUBCLASS	YES	NO
	0 116 845	1/1984	EP				<u> </u>
	0 201 029	4/1986	EP			<del></del>	<del> </del>
	1-48743	9/1990	Japan			<del> </del>	<del> </del>
	2253420 B	9/1992	GB				<del> </del>
	46-2192	12/1971	Japan				-
	52-37875	3/1977	Japan				-
	61-255831 59-163458	11/1986 9/1984	Japan			<del>                                     </del>	<del> </del>
			Japan Iuding Author, Title, Date, Per	linent pages of	lc )	L	<u> </u>
	<del></del>			inienii payes, e			
	<del></del>	·	ıblication N° 52-37875 (1977)				
1	Japanese Patent Public I	Disclosure Nº 2	2-229253 (1990)				

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application.

## ATTY. DOCKET NO. SERIAL NO. INFORMATION DISCLOSURE CITATION 604-700 Unassigned APPLICANT JONES et al FILING DATE **GROUP** (Use several sheets if necessary) November 21, 2003 Unassigned Toyobo Co Ltd., Laid Open Patent Publication N° 2-229253 (1990) Yan R J et al., "The hot compaction of SPECTRA gel-spun polyethylene fibre", Journal of Materials Science 32, 4821-4831 (1997) Kabeel M A et al., "Compaction of high-modulus melt-spun polyethylene fibres at temperatures above and below the optimum", Journal of Materials Science 29, 4694-4699 (1994) Gao P et al., "Effects of compaction pressure on cohesive strength and chain mobility of low-temperature compacted nascent UHMWPE", Polymer 37 N° 15, 3265-3272 (1996) Jones R A et al., "Radiation-Induced Crosslinking of Polyethylene in the Presence of Acetylene: A Gel Fraction, UV-Visible, and ESR Spectroscopy Study", Journal of Polymer Science 31, 807-819 (1993) Kabeel M A et al., "Differential melting in compacted high-modulus melt-spun polyethylene fibres", Journal of Materials Science 30, 601-606 (1995)

Rasburn J et al., "The hot compaction of polyethylene terephthalate" 30, 615-622 (1995)

\*Examiner Date Considered